

GROW BEASTS!

A Math and Science Unit

Dear parents/guardians,

We are studying math and science in a new and exciting way this unit. For this exploration we will be studying Grow Beasts. Grow Beasts are small animal shaped figurines made of polyacrylamide polymer, a very absorbent material. When submerged in a liquid, generally water, the figures grow as they absorb the liquid. In this unit students will be growing their beasts in a variety of liquids and will compare the rate of growth for each liquid. Before we begin, students will make guesses about how fast their beast will grow and how big they think it will get. By allowing students to formulate a prediction they will be better engaged in taking measurements, making observations and doing the math to find out the rate of growth of their beast. This unit is a fun and hands on way for students to learn measurement and graphing as well as how to complete scientific experiments. Please complete the activity on the back with your student and return it by the end of the unit. Please feel free to contact me with any questions and check our website

<https://sites.google.com/site/misslarosasclass/math-unit> to see our beasts growing!

Thanks,
Miss LaRosa

Here are the liquids we are using for our beasts:

Control: Room Temperature Water

Table 1: Vinegar

Table 2: Sprite

Table 3: Lemonade

Table 4: Rubbing Alcohol

Table 5: Refrigerated Water

Table 6: Seltzer Water

